

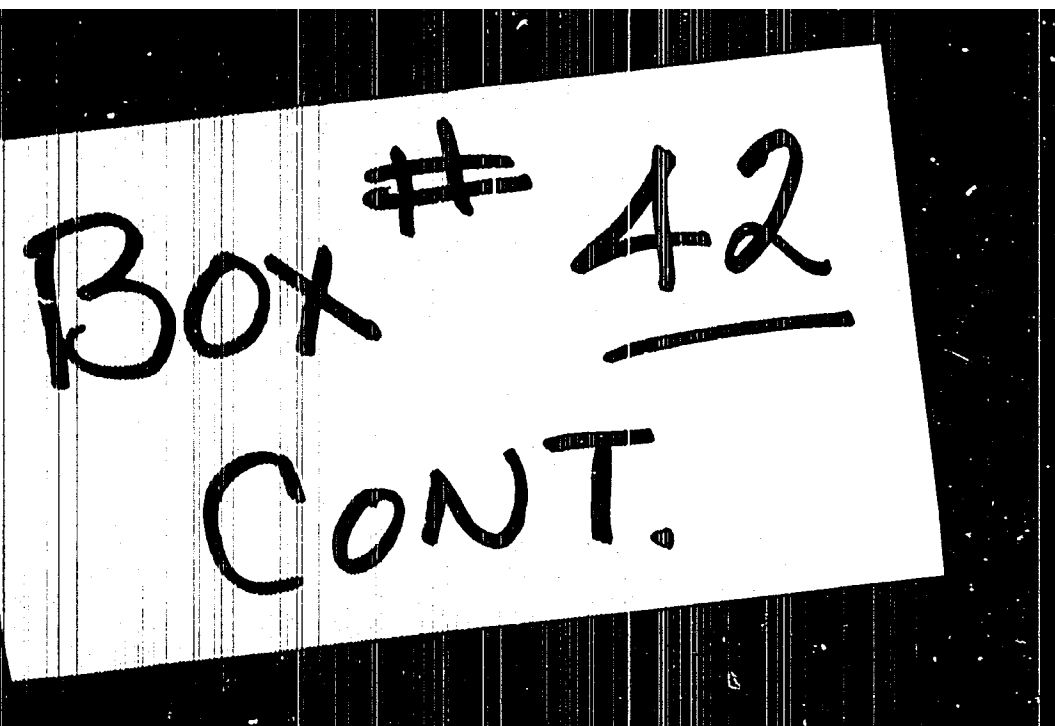
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Box # 42
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Investigations of the LII, III X-Ray Emission
Band of Aluminum With a New Concave-Grating
Spectrograph, by G. Wiech. 27 pp.
GERMAN, per, Zeitschrift fur Physik, Vol 193,
1966, pp 490-511. P100190367
FTD-HT-66-614

Sci/Physics
Jul 67

FOUO Dept of Defense only

331,381

Multimode Characteristics of Different
Semiconductor Laser Models. Part II, by
H. H. H. G.
GERMAN, per, Zeitschrift fuer Physik, Vol
195, No 1, pp. 74-97.
NYC 69-11167-20E

Sci-Phys
July 69

388,818

The Superconducting of Germanium and Silicon
Under High Pressure, by J. Wittig.
GERMAN, par, Zeit Phys, Vol 195, 1966,
pp 217-222.
*AEC

Sci-Fys
Dec 69

Single Particle States in a Deformed Energy-
Dependent Nucleus Potential, by Peter Roper,
32 pp.
GERMAN, per, Z Physik, Vol 195, 1966, pp 316-342.
AEC/UCRL-Tr-10544-71

Sept 71

Investigations into the Production and Demonstration
of Alkali Atom Rays in the Energy Range Between 6
eV & 4000 eV, by H. Hollstein, H. Pauly, 17 pp.
GERMAN, per, Z. Physik, No 196, 1966, pp 353-364.
AEC/SC-Tr-70-4016

Sci/Phy
Jun 70

Study of Silver-Palladium Solid Solutions by
Means of Hall Effect and Electrical Conduc-
tivity, by H. J. Seemann
GERMAN, per, Zeit. fur Physik, Vol 196, 1966,
pp 486-494.
ILL Ref: 9022.4 (67/151)

Sci-Chemistry
Aug 68

362,197

REQ TR CHECK

16-2-42

T 708

REAKTIONENEUTRONEN ALS HILFSMITTEL DER
PLASMA-DIAGNOSTIK
G LEHNER; F POHL
GE: ZEITSCHRIFT FÜR PHYSIK. 1967
pp 83-104

In Process as
FTD-HT-23-935-71

negative
9 March 1971

AEQ (SC-T-713056) DETERMINATION OF NORMAL TEM-
PERATURES FOR NONTHERMAL PLASMAS. Kelm, Siegfried.
Translated for Sandia Labs., Albuquerque, N. Mex., from
Phys.; 199: 261-74(1967). 19p. Dep. NTIS.

physics (plasma); translations 201

MN-34 P NSA

Calculation and Experimental Comparison of
the Amplification Factor for the 6328 Å Laser
Transition in a He-Ne Gas Discharge, by
G. Herziger.
GERMAN, per, Zeitschrift für Physik, Vol 200,
1967, pp 103-116.
NASA TP F-11,201

GOVERNMENT USE ONLY
Sci-Phys

Optical Studies of the Metastable Triplet State
of M-Centres in KCl, by D. Haarer, H. Pick, 12 pp.
GERMAN, per, Z Phys, Vol 200, 1967, pp 213-223.
AEC/NP-1792

Sci/Phy
Jan 70

400,191

The Relative Stopping Power of Some Substances
for α -Particles up to 5MeV, by O. Fiedler,
D. Ulrich, 5 pp.
GERMAN, per, Z Phys, Vol 200, 1967, pp 493-498.
AEC/ORNL-Tr-1861-70

Sci/Phy
Apr 70

405,660

Dielectric Waveguides as Plasma
Probes, by H. J. Kreuzer.
GERMAN, per, Zeitschrift fuer Physik,
Vol 200, 1967, pp 541-555
NTC 72-11904-20I
*NASA TT F-11,331
German physicist
see - physics
June 72

REC (LA-tr-71-23) CALCULATION OF THE GAS COMPO-
SITION AND PROPERTY FUNCTIONS OF SF_6 . Frie, W. 1210
Translated for Los Alamos Scientific Lab., N. Mex., from 152.
Phys.; 201: 269-94(1967). 12027p. 124Dep. NTIS.

21chemistry (physical) 2107D

21MN-4 21P NSA

On the Stellar Frequency Distribution and Co-
occurrence of Chemical Elements, by A. Unsöld.
GERMAN, Mon. Z. Phys., Vol 202, 1967, pp 13-21.
*AEC ORNL-tr-1833

Sci-Chem
Jan 68

Isotopes Shift Natural Odd Even SmNd Isotopes.
GERMAN, per, Zeit fur Physik, Vol 203, 1967,
pp 293-329.
*NASA TT F-11,917

Sept 68

The Effect of Plasma Waves on the Reflect-
ivity of Metals (1), by F. Sauer.

GOVERNMENT USE ONLY

GERMAN, per, Zeit fur Physik, Vol 203,
1967, pp 488-494.

NSAA TT F-12,161

Sci-Phys
June 69

384,112

The Influence of Plasma Waves Upon the Reflectivity
of Metals (II), by Frank Portemann.

GOVERNMENT USE ONLY

GERMAN, per, Zeit fur Physik, Vol 203, 1967,
pp 495-514.

NASA TT F-12,159

Sci-Phys
Aug 69

390,105

The Optical Absorption of UV in Alkali Halides
of the NaCl Type, by P. Fischer.

GERMAN, per. Zeit Physik, Vol 204, 1967,
pp 351-374.

*Nat Bur Stand TT 70-57806

Sci-Chem
Jul 70

Color Centers in KCl Single Crystals, by
R. Balzer.

GERMAN, per, Zeit Phys, Vol 204, 1967, pp 405-418,
*Nat Bur Stand TT 70-57795

Sci-Phys
Jul 70

Electron Spin Resonance in Alkali Halide Crystals,
by G. Beuermann.
GERMAN, par, Zeit Phys, Vol 204, 1967, pp 425-442.
*Nat Bur Stand TT 70-57796

Sci-Phys
Jul 70

Biprism Interferences With Slow
Electrons, by D. Fischer.
FRENCH, per, Zeitschrift fuer Physik,
Vol 205, 1967, pp 458-464
NTC 72-11591-20F

*NASA TT F-11,443
GOVERNMENT USE ONLY

June 72

Experimental Studies of Electron-Photon Cascades
in Lead-Scintillator Systems for Primary Energies
of Between 100 and 440 MeV, by Klaus-Peter Beuermann,
Gerd Wibberenz, 22 pp.
GERMAN, per, Z Physik, Vol 206(3), 1967, pp 247-265.
AEC/ORNL-Tr-1892-69

Sci/Phy
Jun 69

382,702

Electroreflection by Gas Adsorption in Zinc
Oxide, by B. Hoffmann.
GERMAN, per, Zeitschrift fuer Physik, Vol 206,
1967, pp 293-308.
NTC-70-13095-20L

Feb 72

Reaction Neutrons as an Aid for Plasma
Analysis, by G. Lehner.

GOVERNMENT USE ONLY

GERMAN, per, Zeit Physik, Vol 207, No 1,
1967, pp 83-104.

NASA TT F-12,033

AIR/FTD-HT-23-935-71 254p

Sci-Phys
Apr 69

379,506

Velocity Distribution of Cathode-Sputtered
Potassium, by E. Hulpke, 17 pp.
GERMAN, per, Z. Phy., No 207, pp 294-307.
AEC/SC-Tr-4020-70

Sci/Phy
July 70

Solubility, Diffusion and Infrared Absorption of
Water Molecules in Alkali-halide Crystals, by
C. Ruhenbeck.
GERMAN, par. Z. Phys., Vol 207, No 5, 1967,
pp 446-469.
CSIRO/No 9346
NBS TT 70-57445

Sci/Phys
July 69

387-234

Precision Measurement of the Ratio of the
Proton NMR Frequency to the Cyclotron Fre-
quency of Free Electrons in the Same Mag-
netic Field, by E. Klein
GERMAN per, Z. Phys Vol 208 No 1: 28-59,
1968
CSIRO/No. 9683

Sci-phys
July 69

385,819

REC- (CERN-Trans-71-13) ELASTIC ELECTRON SCAT-
TERING ON ^4He AT ENERGIES BETWEEN 30 AND 59 MeV. $\dagger$
Erich, U.; Frank, H.; Haas, D.; Prange, H. $\dagger$ Translated by
H. MacCabe (CERN, Geneva), from Z. Phys.; 209: 208-18(1968).
 $\dagger$ 24p. $\dagger$ Dep. NTIS (U. S. Sales Only).
 $\dagger$

$\dagger$ Physics; translations $\dagger$ 20

$\dagger$ MN-34 $\dagger$ NP NSA

Electromagnetic Surface Waves on a Semi-Infinite
Metal. Part III., by K. Sturm.

GERMAN, par, Zeitschrift fuer Physik, Vol 209,
1968, pp 329-347.

NTC 71-13836-201

GOVERNMENT USE ONLY

NASA TT F-12, 162

Feb 72

acc - physics

311,069

Collisional Disalignment of Excited Neon Atoms,
by T. Haensch, R. Odenwald.
GERMAN, per, Zeit fur Physik, Vol 209, 1968,
pp 478-496.
NTC 69-11348-201

Sci-Phys
July 69

387,185

The Continuous Emission Spectra of Thermal Plasmas
of Rare Gases, by D. Schluter.

GERMAN, per. Zeitschrift für Physik, Vol 210,
pp 80-91.

*AFCL

Sod-Phys
Oct 68

An Ion Source for Intense Beams of Negative Heavy Ions,
by G. Hortig.

GERMAN, per, Z. Phys., Vol 210, 1968, pp 312-313.

*AEC

*AFCEC

ELL 86 9091.9F(UB/2535)

Sci/Phy
Jun 69

On the Theory of Coulomb Energy Differences in
Analogous States, by A. Lindner.

CHESAN, per, Z. Phys., Vol 211, 1968, p. 195.

NYDIA

Sci-EngTech
Aug 69

389,615

Superconductivity of Quenched Condensed Pb-Bi
Alloys, by J. Hasse, J. Seiberth, 7 pp.
GERMAN, per, Z Physik, 213, 1968, pp 79-88.
AEC/UCRL-Tr-1413-70

Sci/Phy
Jan 71

Electron Diffraction Patterns of Pb-Bi Alloys
at Very Low Temperatures, by Pater Baier, 10 pp.
GERMAN, per, Zeit Physik, 213, 1968, pp 89-100.
AEC/UCRL-Tr-1714-70

Sci/Phy
Jan 71

He^+ (NRC-TT-1455) ,EXCITATION OF BOUND ATOMIC STATES BY A SUDDEN CHANGE OF CENTRAL FIELD RESULTING FROM β^- -DECAY. Andrae, H. Juergen. ¹⁰Translated by Barbara E. Schneider for National Research Council of Canada, Ottawa, from Z. Phys.; 215: 279-301(1968). ²⁰29p. ²⁴Dep. NTIS (U. S. Sales Only).

²⁶physics; physics (nuclear); translations ²⁷20, 20H

²⁸MN-34 ²⁹NP NSA

REC (NRC-TT-1461) EXCITATION OF Rb^+ IN Kr MATRIX
BY A SUDDEN CHANGE OF THE CENTRAL FIELD DUE TO beta
DECAY OF ^{81}Kr . Micklitz, Hans. 10Translated by V. Poppo and
Barbara E. Schneider for National Research Council of Canada,
Ottawa, from Phys. 215: 302-22(1968). 2028p. 2:Dep. NTIS
(U. S. Sales Only).

26Physics (solid-state); translations 27201.

28MN-34 29NP NSA

Measurement of Excitation Temperatures in a
high-Current Hollow Cathode, by P. A. Boogor.
GERMAN, per, Z. fur Phy., Vol 216, 1968, pp 248-260.
*AEC

Sci/Phy
May 69

Irreversible Magnetisation Processes in Fer-
romagnetic Materials and the Barkhausen Effect,
by L. Storm,
GERMAN, per. Z. Physik, Vol 26, No 2, 1969,
pp 91-99.
BISI 8768

Jul 71

B. Fricke

Vacuum Polarization in Muonic Atoms.
GERMAN, per, Zeitschrift fuer Physik, Vol 218,
1969, pp 495-508
NTC 72-60462-20I

h2c 60-46-11-80

sept 72

High Efficiency Ion Lasers, by G. Herziger and
W. Seelig.

GERMAN, per, Zeitschrift fuer Physik, Vol 219,
1969, pp 5-31.

NTC 71-13835-20E

GOVERNMENT USE ONLY

NASA TT 5-12, 217

OSSE 5-19661

ESTC - NT - 23 - 402 - 70

Feb 72

39,679

Investigation of Mass and Time Distribution
of Delayed Neutrons in the Thermal Fission
of ^{235}U by an on-Line Mass Separator, by
E. Roeckl.
GERMAN, per, Zeitschrift fuer Physik, Vol 220,
1969, pp 101-129.
NTC-70-13213-18H

Feb 72

The Mechanism of Ion Formation and Ion Emission During
Sputtering of Solids, by A. Bonninghoven.

GERMAN, per, Zeitschrift fuer Physik, Vol 220, 1969,
pp 159-180.

NTC-71-10461-20H

Nov 71

²
The H + d Reaction at Low Energies, by D. Fick, 19 pp.
GOVERNMENT USE ONLY
GERMAN, per, Z. Physik, No 221, 1969, pp 451-468.
ARM/FSTC/HT-23-969-71

Nov 71

Observations of the Diffusion Processes in an Evoproated
Silver-Zinc-Sulfide Layer System With the Photoemission-
Electron-Microscope., by M. Auwarter.
GERMAN, per, Z. für Phys., No 224, 1969, pp 298-309.
*NTIS TT 72-53176

Aug 72

The Effective Cross Section for K-Shell
Ionization of Aluminum by Electron Impact
(3-30keV), by W. Hink.
GERMAN, per, Zeitschrift fuer Physik, Vol 226,
1969, pp 222-234.
NTC-71-12192-20H

ALUM. ION. E 12,716 12 716

Nov 71

The Theoretical Description of Modulated
Cylindrically Symmetric Arcs, by H. J. Patt.
GERMAN, per, Zeits. Phys., Vol 227, 1969,
pp 99-124.
O. A. Trans. 1054

sci
feb 71

Influence of Interstitial Hydrogen on Magnetism and
Lattice Parameter of Ferromagnetic Ni Cr Alloys,
by G. J. Zimmermann.
GERMAN, per, Zeit Physik, Vol 229, 1969, pp 154-162.
*Nat Bur Stand TT 70-59129

Sci-Phys
Jul 70

An Exactly Soluble Model for the Development per
Unit of Time of Many-Body-Quantum Systems with
Interaction, by W. Wild.

GERMAN, per, Zeitschrift fuer Physik, Vol 229,
1969, pp 230-242.

NTC 71-14090-20J

Feb 72

Analysis of Monomolecular Surfaces of Solids
with the Aid of Secondary Ion Emission, by
A. Benninghoven.

NEWMAN, per, Zeitschrift fuer Physik, Vol 230,
1970, pp 103-117.
NTC 71-13824-20H

Feb 72

Specific Heat Measurements of Quenched
Indium-, Lead- and Bismuth-Films at
Low Temperatures, by S. Ewert
GERMAN, per, Zeitschrift fuer Physik,
Vol 237, 1970, pp 47-57.
NTC 72-10604-20M

May 72

REC (UCRL-Trans-10655) PRECISION MEASUREMENT
OF THE $\sigma_{\text{Al}}(n, \alpha)$ CROSS-SECTION FOR 14.43 MeV NEUTRONS.
Vonach, H.; Hille, M.; Stengl, G.; Breunlich, W.; Werner, E.
Translated for Univ. of California Lawrence Livermore Lab.,
Livermore, from Z. Phys.; 237: 155-79(1970). 236p. 24Dep.
NTIS.

20physics (nuclear); translations 2720H

29MN-34 29P NSA

Measurement of the Angular Distribution of Neutron-
Capture Gamma Rays from Polarized T_{159} Nuclei, by
D. Bosch, 20 pp.
GERMAN, per, Z. Physik, No 239, 1970, pp 57-72.
AEC/UCRL-Tr-10559-71

Jan 72

Effect of Transverse Acoustic Phonons on the
Transition Temperature of B - W-Superconductors, by
W. Klose.

GERMAN, per, Zeitschrift fuer Physik, Vol 241,
1971, pp 348-354.

NTC 72-14390-201

Jan 73

Electron-Photon Cascades in Lead at Primary Energies
of 100, 200 and 400 MeV, by R. Brochmann, 14 pp.
GERMAN, per, Z Physik No 243, 1971, pp 464-479
AEC/ORNL-Tr-2535-72

Sept 72

D. Gottschalk

Onset of Metallic Conductivity During the
Condensation of Metallic Films.

GERMAN, per, Zeitschrift fuer Physik, Vol 244,
1971, pp 245-253.
HTC 72-13708-201

Nov 72

R. Krichel

Ther thermal load capacity of a toroidal wall at
plasma inclusion

GREMAN, per, Zeits. fur Physik, Vol 248, 1971,

pp 13-21

*NASA TT F 14,367

July 78

ZEITSCHRIFT FÜR PHYSIKALISCHE CHEMIE

VOLUMES 230 AND UP

Concerning Thermal Misintegration of Copper
Acetylacetonate, by G. Geiseler.

GERMAN, por. Zeit Fur Physikalische Chemie.
Vol 230, 1965, pp 275-278.

*FTD-JT-23-378-68

Sci-Phys
May 68

Viscosity Measurements XVIII (1) The Viscosity
of Molten E-(Separation) Systems of Ga-Ol,
Ga-Hg, and Ga-Li, by W. Mann, F. Sauerwald, 3 pp.
GERMAN, per, Zeitschrift für Physikalische Chemie,
Vol 232, 1966, pp 134-137. P911180,67
AEC A1 Tr-232

325,481

Sci
June 67

A Rapid Method for Determination of Susceptibility to Corrosion of Steel, by U. F. Franck, D. Better.

GERMAN, per, Z. Physik. Chem., Vol. 232, No 3/4, 1966, pp 152-160.

BISI 5200

319,850

Sci - Materials
Feb 67

About the Theory of the Use of Metal-
Electrodes in Measuring Transport in
Electrolytes and Determining Atom Dif-
fusion, I, 18 pp.

GERMAN, per, Z. Phys. Chem. 234, 1967,
pp. 77-94.

*NBS TT 70-57836

Sci/phsy
Jun 70

Study of PSO_4 and BSO_4 Phase Reactions in Dif-
fusion of Si , by G. Forstner.
GERMAN, *Int. J. Phys Chem.* NF, No 23, 1967,
pp 178-184.
*NBS TT 70-57452

Sci-Chem
Aug 70

About the Theory of the Use of Metal-
Electrodes in Measuring Transport in
Electrolytes and Determining Atom Dif-
fusion, by Ch. Schnittler, 22 pp.
GERMAN, per, Z. Phys. Chem. 234, 1967
pp. 379-400.
*NBS TT 70-57837

Sci/phys
Jun 70

Potentiometric Measurements in Fused Salts: the
Principle and the Construction of an Oxygen
Electrode Having a $\text{Th}_0.8\text{Y}_0.2\text{O}_1$ Solid Electrolyte
Membrane Which Conducts Oxide Ions, by B. Eichler,
D. Naumann, et al. 7 pp.

CEMRAN, per, Z. Phys. Chem., (Leipzig), Vol 236,
1967, pp 372-377.

AEC/AERE/tr 1110

CFSTI

sci/ chemistry
oct 69

395,248

Mechanisms of Hydrogen Atom-Transport
in Chemical Reaction, by St. Pawlenko,
16 pp.

GERMAN, per, Z. Phys. Chem. 237, 1968,
pp. 1-16.

*NBS TT 70-57834

Sci/chem
Jun 70

Oxygen Permeability of Oxidic Solids#electro-
lytes, by H. Ullmann,
GERMAN, per, Z. Phys. Chem., Vol 237, 1968,
pp. 71-80.

sci-chem
aug 69

390,148

Kinetics of Ethyl Zanthate Decomposition
in an Aqueous Alkali Solution, by
H. J. Baer, H. Dautzenberg.
GERMAN, per, Zeit fur Physikalische
Chemie, Vol 237, No 3/4, 1968, pp 145-156.
NTC 69-12574-07D

Sic-Chem
Aug 69

389,392

Inhibition, Initiation of Hydrocarbon Disintegration at Elevated Temperatures, by S. Novak.
18 pp.

GERMAN, per, Zeitschrift fuer Physikalische Chemie, Vol 241, No 5/6, 1969, pp 249-266.

AIR/PTD-HC-25-428-70

sci/chem
feb 71

W. Pfeil

Study of the Semiconducting Properties of the
Pt/Al₂O₃ System. Part II. Electron Factors
in the Catalytic Activity of Pt/Al₂O₃.

GERMAN, per, Zeitschrift fuer Physikalische Chemie,
Vol 243, 1970, pp 52-60.

NTC 72-14044-07D

Nov 72

G. Ertl

Interaction of CO and O₂ With a Pd(100) Surface.
GERMAN, per, Zeitschrift fuer Physikalische Chemie,
Neue Folge, Vol 69, 1970, pp 323-327.
HTC 72-11043-07D

Nov 72

Chemische Kinetik, Faraday Soc. 1970 R-12077-8
Agency: Air Force 8 Sept 70
P. N. 1: 000-0001 70-6
Title: Bestimmung der Oxydationsableitung
von H₂O₂-Pascallitolyten aus peroxobili-
tationsdaten.
Author: Hartung, P. and H. G. Tobias.
Source: Z. Phys. Chem (Leipzig) 243, 133 (1979)
Language: German to English Sep
Special Instructions: Please translate and type
a copy.

Mathematical Evaluation of Complex Consecutive
Reactions, by K. Meinelt, 9 pp.
GERMAN, per. Zeit Phys Chem, Vol 246, No 3,
1971, pp 257-264.
ACSI-K-2631
FSTC-HT-23-2076-72

Jul 72

W. Storek

On a direct relation between NMR chemical shifts and
thermodynamic excess quantities in binary systems with
a self-associating component. 13 pp.

GERMAN, Zeitschrift fuer physikalische Chemie, Vol 247

Nos 3&4, 1971, pp 151-160

AIR/FTD-HC-33-840-72

nov 72

REQ TR CHECK

'28-03-73

T436

UNKNOWN

KNAPPWOST, A.; ANKARA, UE.

GY: ZEITSCHRIFT FUR PHYSIKALISCHE CHEMIE,
1972, VOL 82, NO. 4, pp. 125-138*Process in an**HC73-23-0401**negative
3 Apr 73*

ZEITSCHRIFT FÜR PHYSIKALISCHE CHEMIE. NEUE FOLGE
THIS SERIES HAS LOW VOLUME NUMBERS

Agency: NBS

D. no.: 5-306441-73

R-15706-0

9 Apr. 72

Title: Silikatbildung im festen Zustand

Author: G. Borchardt and R. Schmalzried

Source: Zeitschrift für physikalische Chemie. Neue Folge

Language: German

pp. 265-283

19 p.

Special instructions: Please translate and type one copy only

Kinetics and Mechanism of the Thermal Dis-
integration of Acetylacetone, by G. Geiseler,
K. Scherzer. 16 pp.

GERMAN, per, Zeitschrift für Physikalische
Chemie, Vol 44, Nos 1-2, 1965, pp 67-81.

AIR/FTD/H-23-8-68

sci/chemistry
mar 69

376,621

Vapor Pressure Measurements of Alkali
Metals, by U. Buck, Pauly, H.
GERMANY, port. Zeit Physik Chem, Vol XLIV,
1965, pp 345-357.
NASA TT F-9738

US GOVERNMENT USE ONLY

Sci-M/D

Mar 66

296,215

Photochemical Investigations in the Schumann Ultra-
violet No 12: The Photolysis of Ammonia at the
wavelengths 1849 Å (Hg), 1470 Å (Xe), 1236 and
1165 Å (Kr), by W. Groth, 34 pp.

GERMAN, per, Z Physikalische Chemie Neue Folge,
Vol 45, 1965, pp 96-116.

ARM/ISIC-1000-70

GOVERNMENT USE ONLY

Sci/Chem

Nov 70

Diffusion Coefficients of H and D in Pd/Ag Foil
Electrodes at High H_2 Contents, by E. Wicke.
GERMAN, per. Z. Phys. Chem. N.F. No 46, 1965,
pp 123-127.
*HBS TT 70-57411

Sci-Mat
Aug 70

They-Radiolysis of Liquid and Solid Ammonia,
by D. Schischkoff.
GERMAN, part, Z fur Physikalische Chemie,
Vol LIV, No 1, 2, 1965, pp 112-212. 9232123
AEC-PP-Tr-1342

Sci - Phys, Chem
Mar 66

298,531

Studies of Metal Deficiency in (Co,Ni)O and
(Co,Ni)O Systems, by G. Zintl.
Zentralblatt für Bakteriologie, Vol 48,
No 5-6, 1966, pp 340-358.
C.R. Trans 5279

sci/diem
june 70

On the Electrical Behavior of Solid Silver
Sulfate, by Karl Hauffe, Dietrich Hoeffgen,
14 pp.

GERMAN, per, Zeitschrift für Physikalische Chemie,
Neue Folge, Vol 69, No 1/2, 1966, pp 94-111.

FD11196167

APC A1 Tr-226

327,885

Sol - Electronics
Jun 67

Electrochemical Measurement of Oxygen Diffusion
in Metals at High Temperatures, by H. Rickert
and R. Steiner, 14 pp.
GERMAN, per, Zeitschrift für Physikalische Chemie
Neue Folge, Vol 49, No 3/4, 1966, pp 127-137.

1911017268

AUS-NRC-TT-1295

Sci-Chem
Mar 68

349.335

Ratio of Hydrogen to Deuterium Transport through
Membranes of Pt and Pt/Ag, by H. Brodowsky.
GERMAN, par. 2. Phys Chem. N.F., No 49, 1966,
pp 222-239.
*NBS TT 70-57437

Sci-Mat
Aug 70

Aktivität von UCl_3 in der Eutektischen Schmelze
 $LiCl-KCl$, by O. Kinske, J. Kraus, F. Müller.
GERMAN, per, Zeitschrift für Physikalische
Chemie, Vol 50, 1966, pp 91-104.
WJC

Sci - Materials
-- /--

The Freezing of Water in Ion Exchanges and
Their Pore Structure, by G. Diehl, K. Buzal.
GERMAN, per, Zeit fur Physik Chem Neue Folge,
Vol 51, No 1/2, 1966, pp 13-26.
HTC-69-16279-07D

Sci-Chem
Feb 70

403,027

The Mechanism of Diffusion in Cubic
Metals, by G.M. Neumann, 5 pp.
GERMAN, per, Z. phys. Chem N.F. 51, 1966
pp. 165-169.
*NBS TT 70-57833

Sci/mat
Jun 70

Surface Diffusion of bcc and fcc Metals, by
G. M. Neumann.
GERMAN, por. Z. Phys Chem. N.F., No 53, 1967,
pp 256-262.
*NBS TT 70-57404

Sol-Mat
Aug 70

KHS S-456463-67-D R-8151-D
3 April 67
Versuche über die Verdampfungsgeschwindigkeit dünner
Kaliumnadeln
By: Stojan Duharov, et al
From: Zeit. für Physikalische Chemie Neue Folge, Bd.
53, 8263-871 (1957) (9 pp)

German - est for us:

Please translate and type 1 camera ready copy.
Document can be cut.

Electro- and Thermotransport in Ni, by H. Haring.
GERMAN, per. Z. Phys. Chem. N.F., No 53, 1967,
pp 310-325.
*NBS TT 70-57438

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